

## HDMI Extender over Cat5e/Cat6

### I. Introduction

This HDMI Extender allows you to extend your HDMI signal over standard Network cable.

While HDMI cables are expensive, inconvenient to wire and suffer from very limited transmission distances – Ethernet cables offers a wonderful alternative.

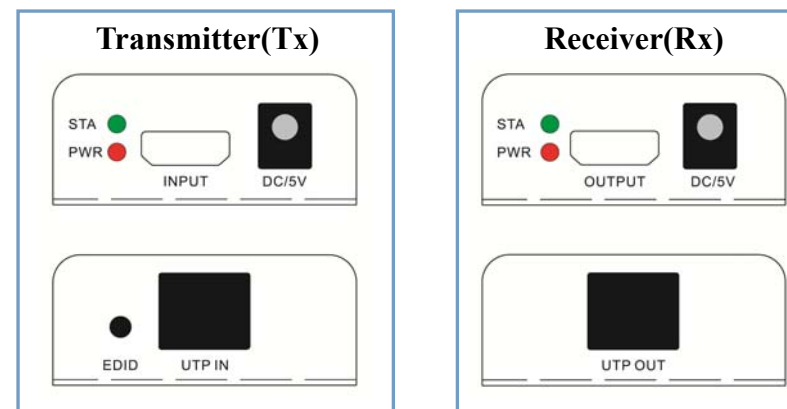
PR-HDoNet+ enables you to extend HDMI signal to remote display unit to a maximum of 60 meters over Ethernet cable while maintaining your remote controller active (from the display unit location).

### II. Features:

1. Transmits HDMI signal up to 40m distance over single Cat5e and up to 60m over single cat6 cable
2. HDMI 1.3 & 3D Support
3. 12Bit deep color and bandwidth of up to 225 MHz support
4. Support video resolution up to 1080P@60Hz
5. Support audio format: DTS-HD / Dolby- true HD / LPCM7.1 / DTS / Dolby-AC3 / DSD
6. DC5Vpower supply is included

**Note: Distance may be affected by the cable quality, length and other environmental interferences.**

### III. Product interface pictures



Port name	Description
HDMI IN/OUT	HDMI signal input/output
UTP	RJ45 port;
RST	According to the connected cable length to make adjustment of RST (If you change your display unit and/or cable length, you must use it)
EDID	EDID Copy button, Press 3 seconds to copy display configuration from the transmitter. If there is no display after connection to display connect, restore default by RST.
DC/5V	Power adapter socket
<b>LED indicator</b>	<b>Description</b>
PWR	System power indicator
STA	HDMI signal indicator

#### IV. Specification

	Parameter	Description
Video	Standard	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz, 3D
	Connector	HDMI-A
	Impedance	100Ω
Ethernet	Interface	RJ45
	Transmission distance	CAT6---50m
Other	Power supply	The power adapter: DC 5V/1A
	Power consumption	MAX 3W
	Operating Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	81*43*23mm

#### V. Installation Process:

1. Connect the provided DC/5V power supply to the power socket of Tx (Transmitter) and Rx (Receiver) units
2. Connect the Tx unit to the display device by HDMI cable, and hold the "EDID" button on the Tx unit for 3 seconds until the "STA" indicator starts blinking.
3. Connect the Rx unit to the display device by HDMI cable (no more than 10M)

4. Connect the Tx unit to the video source device by HDMI cable (no more than 10M).
5. Connect between the Tx and Rx units using Cat5e/6 cable up to 40M/60M.
6. Turn on the source device
7. If you change your display unit, please re-study by "EDID" button. (Repeat process 2)
8. If you change cable length, please press "RST" button to reset the unit.



#### VI. Package Contents:

1. HDMI transmitter unit x1 pcs
2. HDMI receiver unit x1 pcs
3. Power adapter x 2 pcs
4. User manual x1 pcs